



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3631-1
Job Sheet 202823



Part No: D3631-1

Part Name: Washer

Job Qty: 100 pcs

NOV 06 2019



Part Weight: 0 lbs

Job Created: 11/4/19

Due Date: 11/26/19

Type: SOLD

Status: New

Priority: Medium

Job Tracking No:

Created By: Marie Lajeunesse

Description:

Note: DWG REV A IPP Rev:A New Issue 07-07-28 JLM Verified By:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	100		11/26/19	0.00	0.00	Purchasing - 1		NOV 11 2019
		100					Purchasing - 2		
		100					Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	100		11/26/19	0.00	0.00	Packaging 2 - 1 - B4B		NOV 11 2019
		100					Packaging 2 - 2 - B4B		
		100					Packaging 2 - 3 - B4B		
		100					Packaging 2 - 5 - B4B		
		100					Packaging 2 - 4 - B4B		
		100					Packaging 2 - 6 - B4B		
		100					Packaging 2 - 7 - B4B		
		100					Packaging 2 - 8 - B4B		
		100					Packaging 2 - 9 - B4B		
		100					Packaging 2 - 10 - B4B		
		100					Packaging 2 - 11 - B4B		
		100					Packaging 2 - 12 - B4B		
		100					Packaging 2 - 13 - B4B		
		100					Packaging 2 - 14 - B4B		
		100					Packaging 2 - 15 - B4B		
		100					Packaging 2 - 16 - B4B		
		100					Packaging 2 - 17 - B4B		
		100					Packaging 2 - 18 - B4B		
		100					Packaging 2 - 19 - B4B		
		100					Packaging 2 - 20 - B4B		



1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S230432



Part: D3631-1

Job No: 202823

Serial No/Batch: S230432

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/11/19

Plex 11/4/19 12:48 PM Dart.lajeunesse.marie

					B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	P< F Pool
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	100 pcs	11/26/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DEC 13 2019
					QC 6 - 61	DAS 68
					QC 6 - 40	9-89
					QC 6 - 81	
130 Packaging 3-1 - Stock - B4B	100 pcs	11/26/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	100 pcs	11/26/19	0.00 0.00	QC 21 - SA - 21	DAS 21 9-00 DEC 16 2019
				QC 21 - SA - 70	
				QC 21 - SA - 53	
Part Op 100 - (Purchasing) Issue P/O: _____ Purchase Part Number: 95606A170 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached 120 - (QC6- All purchased or subcontracted products) 130 - (Identify as per dwg & Stock Location: _____) LOCATION : FP001 140 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
95606A170	Washer D3631-1	100 Ea (1 ea)	100-Purchasing	5230430	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Purchasing	95606A170	100	100	0	
Part Specifications					
Specifications could not be found.					

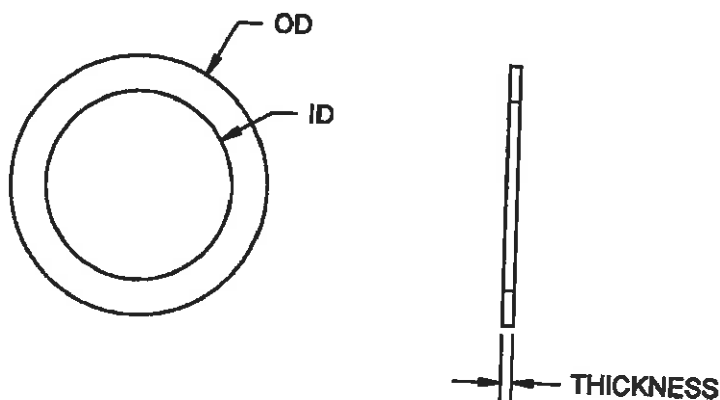
Plex 11/4/19 12:48 PM Dart.lajeunesse.marie



DESIGN CB	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED PH	APPROVED #	DRAWING NO. D3631	REV. A SHEET 1 OF 1
DATE 07.05.16		TITLE WASHER SCALE NTS	
REV A	DATE 07.05.16	DESCRIPTION NEW ISSUE	

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 202823 MLC
19-11-04



D3631-X WASHER

RELEASED
07.08.02 **#**

PART NUMBER	OD	ID	THICKNESS	MATERIAL	SUPPLIER
D3631-1	0.688	0.500	0.031	NYLON	McMASTER-CARR P/N: 95806A170

NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐				MRB (QS1042)																															
Date: _____		Sequence #: _____		QTY Affected: _____		Disposition																																	
Description Work Order Deviation						Completed By																																	
						Lead hand / Supervisor																																	
						QC / QA Coordinator																																	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐						FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>						Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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Other/Details: _____																																							



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045019



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045019

PO Date: 11/6/19

Due Date: 11/8/19

Purchase Order

Revision:

NOV 06 2019

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		91280A342		50/PK	Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 40 mm Long	Firmed X50	-	11/8/19	50 Ea	0 Ea	50 Ea	\$0.1664/Ea	\$8.32
												NOV 11 2019	
2		90905A655		1/pk	316 SS Split Ring 15/16" ID. X 1-1/16" OD. X 1/8" Thick	Firmed X10	-	11/8/19	10 Ea	0 Ea	10 Ea	\$0.67/Ea	\$6.70
												NOV 11 2019	
3		92949A595		10/pk	SS Button Head Drive Screw	Firmed X50	-	11/8/19	50 Ea	0 Ea	50 Ea	\$0.493/Ea	\$24.65
												NOV 11 2019	
4		93635A212		25/pk	Bolt receive ea	Firmed X25	-	11/8/19	25 Ea	0 Ea	25 Ea	\$0.2928/Ea	\$7.82
5	202823	95606A170		95606A470 100/PK	Washer D3631-1 : AS PER DWG D3631 REV. A receive ea	Firmed X500	-	11/8/19	500 Ea	0 Ea	500 Ea	\$0.1161/Ea	\$58.06
												NOV 11 2019	
6	202970	D2484P	D2484	91343A100 10/pk	Lock Nut : AS PER DWG D2484 REV. A	Firmed X100	-	11/8/19	100 pcs	0 pcs	100 pcs	\$0.363/pcs	\$36.30

Plex 11/6/19 11:42 AM Dart.Lavoie.Chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045019



Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Grand Total:													\$141.34

Order Notes

Procurement Quality Clauses
 A005 RIGHT OF ENTRY
 A016 PERSONNEL QUALIFICATION
 A026 CERTIFICATION OF MATERIAL CONFORMANCE
 A032 DOCUMENT SPECIAL REQUIREMENTS
 A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
 A040 NOTIFICATION OF QUALITY ESCAPE
 A041 QUALITY MANAGEMENT SYSTEM
 A042 DART NOTIFICATION BY SUPPLIER
 A043 RETENTION OF QUALITY DOCUMENTS

 A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

 A049 SUPPLIER AWARENESS

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/6/19 11:42 AM Dart.Lavoie.Chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045019



Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045019

PO Date: 11/6/19

Due Date: 11/8/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

REVISED

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		91280A342		50/PK	Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 40 mm Long	Received	-	11/8/19	50 Ea	50 Ea	0 Ea	\$0.1664/Ea	\$0.00
2		90905A655		1/pk	316 SS Split Ring 15/16" ID. X 1-1/16" OD. X 1/8" Thick	Received	-	11/8/19	10 Ea	10 Ea	0 Ea	\$0.67/Ea	\$0.00
3		92949A595		10/pk	SS Button Head Drive Screw	Received	-	11/8/19	50 Ea	50 Ea	0 Ea	\$0.493/Ea	\$0.00
4		93635A212		25/pk	Bolt receive ea	Received	-	11/8/19	25 Ea	25 Ea	0 Ea	\$0.2928/Ea	\$0.00
5		95606A170		95606A470 100/PK	Washer D3631-1 : AS PER DWG D3631 REV. A receive ea w/o 202823	Partial	-	11/8/19	100 Ea	100 Ea	0 Ea	\$0.1161/Ea	\$0.00
					w/o 203129	Firmed	-	11/11/19	400 Ea	0 Ea	400 Ea	\$0.1161/Ea	\$46.44
									Sub Total:	500	100	400	\$46.44

NOV 11 2019

Plex 11/11/19 9:18 AM Dart.Lavoie.Chantal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045019



Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6	202970	D2484P	D2484	91343A100 10/pk	Lock Nut : AS PER DWG D2484 REV. A	Received	-	11/8/19	100 pcs	100 pcs	0 pcs	\$0.363/pcs	\$0.00
Grand Total:													\$46.44

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/11/19 9:18 AM Dart.Lavoie.Chantal

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Chantal Lavoie

Purchase Order
POHB045019

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4775249-01

Page 1 of 1

11/06/2019

Line	Product	Ordered	Shipped
1	91280A342 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 40 mm Long, Packs of 50	1 Pack	1
2	90905A655 Split Ring, 1-1/16" OD, 15/16" ID, Packs of 1	10 Packs	10
3	92949A595 18-8 Stainless Steel Button Head Hex Drive Screw, 5/16"-24 Thread Size, 3/8" Long, Packs of 10	5 Packs	5
4	93635A212 316 Stainless Steel Hex Head Screw, Super-Corrosion-Resistant, M6 x 1 mm Thread, 20 mm Long, Packs of 25	1 Pack	1
5	95606A470 Nylon Plastic Washer for 7/16" Screw Size, 0.5" ID, 0.688" OD, Off-White, Packs of 100	5 Packs	5
6	91343A100 316 Stainless Steel Serrated Flange Locknut, Super-Corrosion-Resistant, 1/4"-20 Thread Size, Packs of 10	10 Packs	10

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Sarah Weinberg
Sarah Weinberg
Compliance Manager

RECEIVED
NOV 08 2019
DART AEROSPACE LTD.